

Patent Statement and Licensing Declaration

This declaration does not represent an implied license grant

Please return to: Director
Telecommunication Standardization Bureau
International Telecommunication Union

Place des Nations
CH-1211 Geneva 20, Switzerland
Fax: +41 22 730 5853

Patent Holder/Organization:

Legal Name Alcatel, 54, rue La Boétie, 75008 Paris, FRANCE

Contact for license application:

Name & Department Ulrich Knecht, Intellectual Property Group

Address 54, rue La Boétie

75008 PARIS - FRANCE

Tel. +33 1 4076 2863

Fax +33 1 4076 2880

E-mail Ulrich.Knecht@alcatel.com

URL (optional) www.alcatel.com

ITU-T Recommendation:

Number G.993.2 AAP LC draft recommendation

Title Very high speed digital subscriber line 2

Licensing declaration

The Patent Holder believes to hold granted patents and/or pending applications, whose use would be required to implement the above ITU-T Recommendation and hereby declares, in accordance with the Statement on ITU-T Patent Policy (see ITU-T website), that (check one box only).



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Negotiations are left to the parties concerned and are performed outside the ITU-T.

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Negotiations are left to the parties concerned and are performed outside the ITU-T.



3 The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above. In this case, the following information must be provided as part of this declaration:

- patent registration/application number;
- an indication of which portions of the Recommendation are affected;
- a description of the patent claims covering the Recommendation.

Free: The word “free” does not mean that the Patent Holder is waiving all of its rights with respect to the essential patent. Rather, “free” refers to the issue of monetary compensation; *i.e.*, that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the ITU-T Recommendation sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warranties, etc.

Reciprocity: As used herein, the word “reciprocity” means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its essential patent(s) or essential patent claim(s) for implementation of the same ITU-T Recommendation for free or under reasonable terms and conditions.

Signature

Organization **Alcatel**

Name of authorized person **Ulrich Knecht**

Title of authorized person **Vice President Intellectual Property**

Signature

Place, Date **Stuttgart, October 28, 2005**

FORM: 10 JULY 2004

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Patent Information (desired but not required)			
No.	Registration Number/ Country	<i>Title/ Inventor</i>	Status [granted/ pending]
1	AU 726761	INTERLEAVING AND DE-INTERLEAVING METHOD FOR DIGITAL DATA / PEETERS Miguel	granted
2	EP 0856949	INTERLEAVING AND DE-INTERLEAVING METHOD FOR DIGITAL DATA, INTERLEAVING AND DE-INTERLEAVING DEVICES, AND COMMUNICATION SYSTEM. / PEETERS Miguel	granted
3	IL 122982	PEETERS Miguel	pending
4	JP 224236/98	PEETERS Miguel	pending
5	KR 10-0502384	PEETERS Miguel	granted
6	US 6,151,690	Interleaving and de-interleaving method for digital data, interleaving and de-interleaving devices, and communication system. / PEETERS Miguel	granted